

FIGURE 1

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REMOTE DIRECT MEMORY ACCESS FOR iSCSI
Jean Kodama, et al.
Appl. No.: Unknown Atty Docket: ISTOR.007A

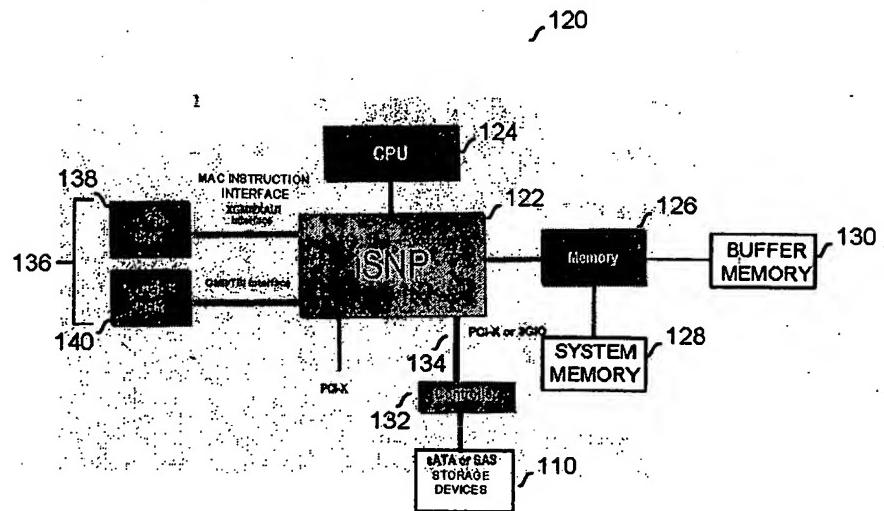
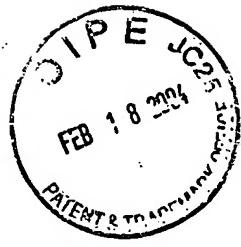


FIGURE 2

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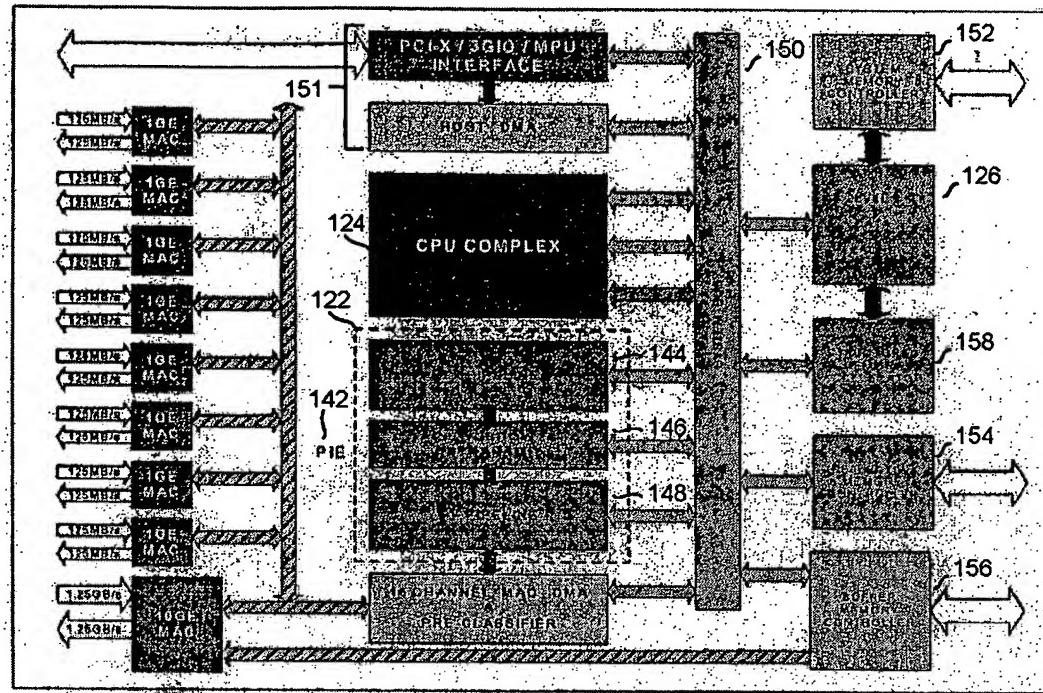


FIGURE 3

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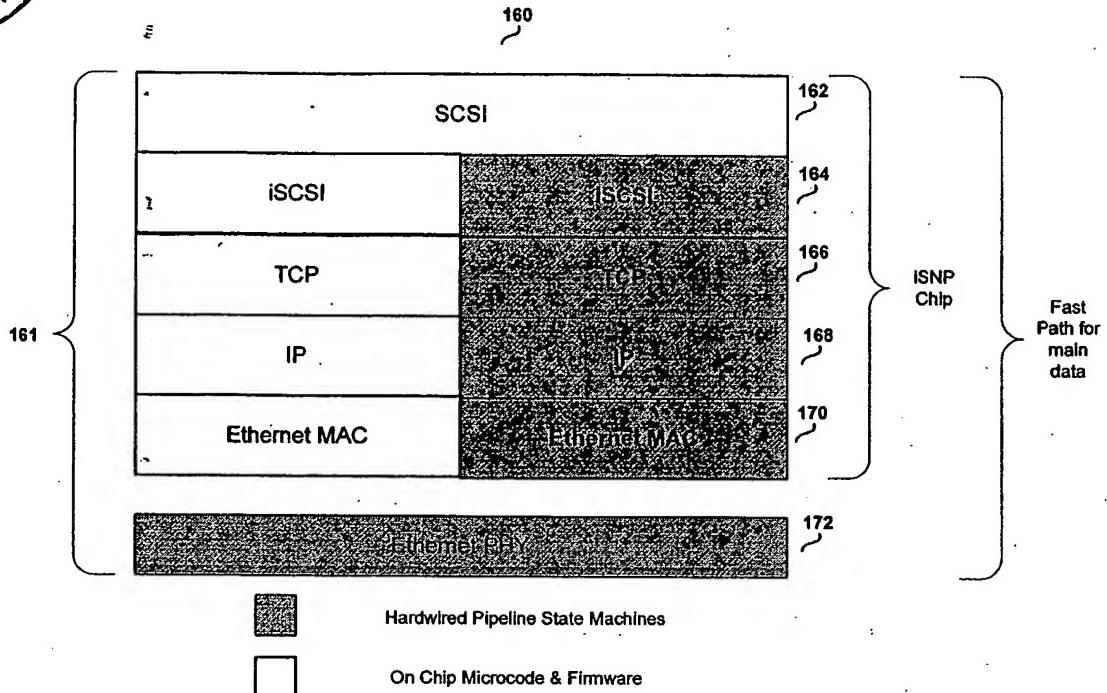
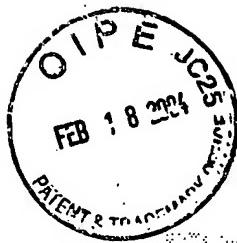
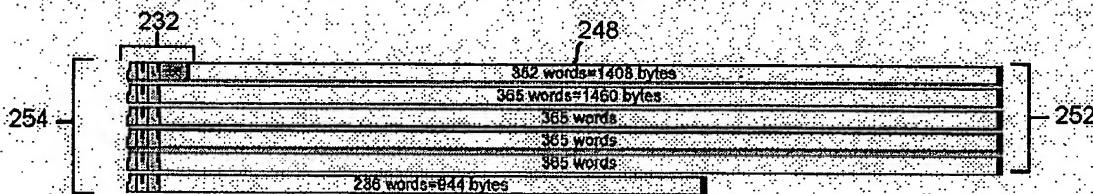
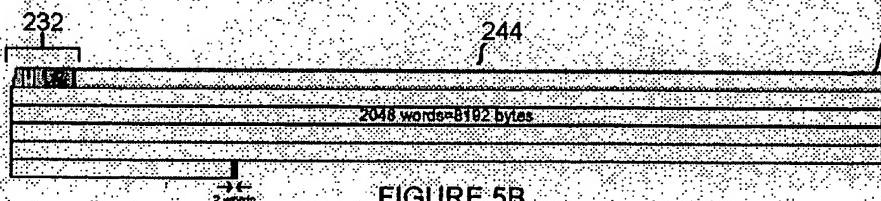
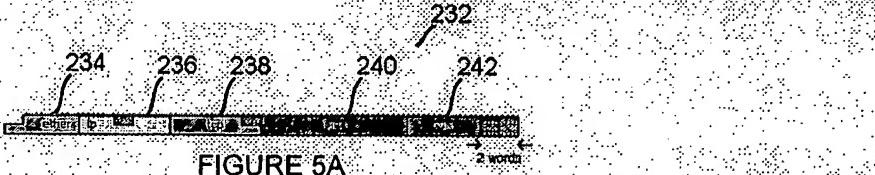


FIGURE 4

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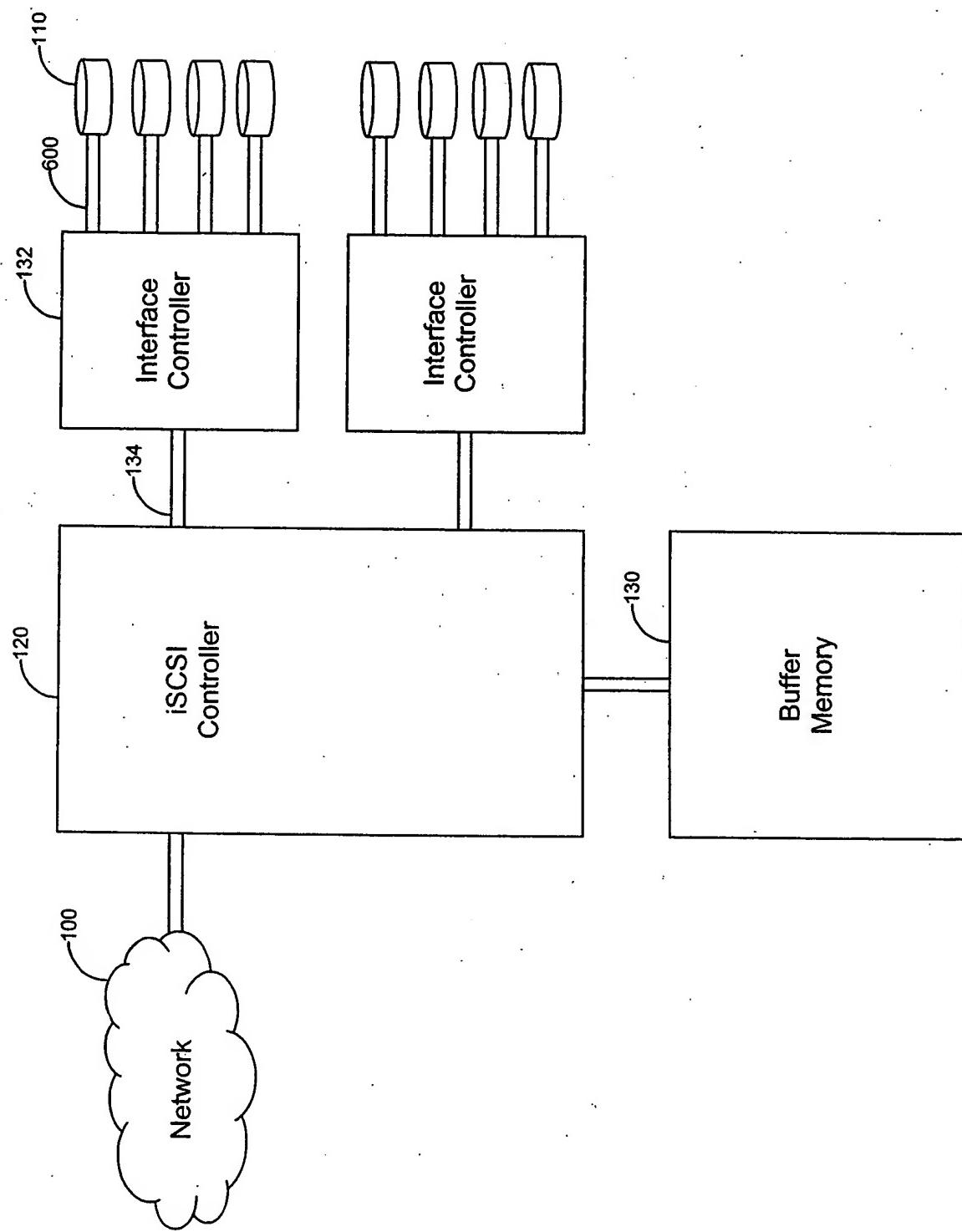
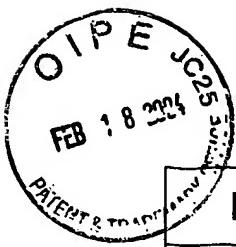


FIGURE 6



Initiator Function	PDU Type	Target Function	
Command request (read)	SCSI Command (READ) →		620
		Prepare Data Transfer	622
Receive Data	← SCSI Data-in	Send Data	624
Receive Data	← SCSI Data-in	Send Data	626
Receive Data	← SCSI Data-in	Send Data	628
	← SCSI Response	Send Status and Sense	630
Command Complete			

FIGURE 7



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Initiator Function	PDU Type	Target Function	
Command request (write)	SCSI Command (WRITE) →	Receive command and queue it	640
		Process old commands	642
	← R2T	Ready for data	644
Send Data	SCSI Data-out →	Receive Data	646
	← R2T	Ready for data	648
	← R2T	Ready for data	650
Send Data	SCSI Data-out →	Receive Data	652
Send Data	SCSI Data-out →	Receive Data	654
	← SCSI Response	Send Status and Sense	656
Command Complete			

FIGURE 8

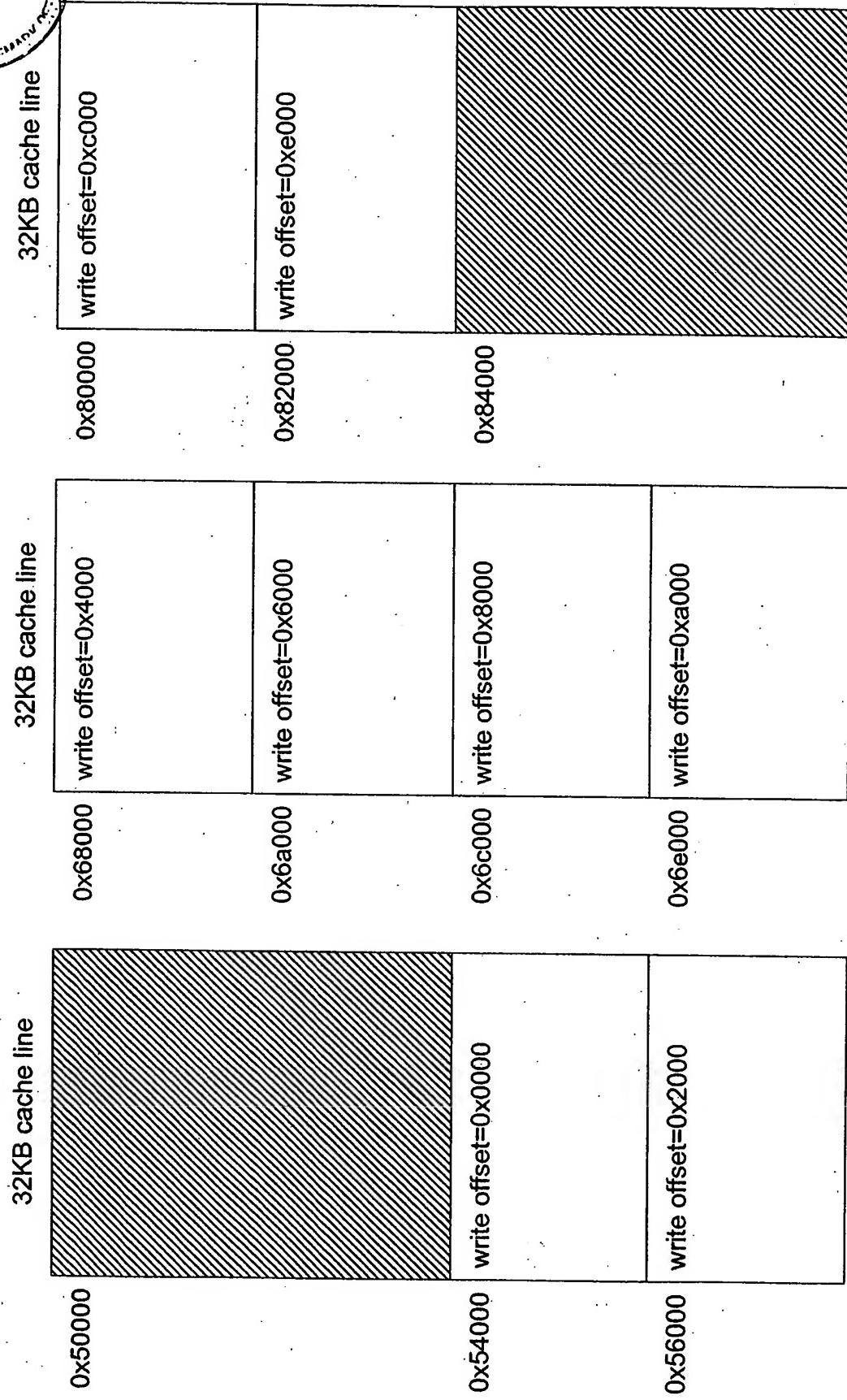


FIGURE 9A



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R2T PDUs sent to initiator:

pdu#	Target Transfer Tag	offset	length
1	0x0010_0123	0x0000_0000	0x0000_4000
2	0x0011_0123	0x0000_4000	0x0000_8000
3	0x0012_0123	0x0000_c000	0x0000_4000

FIGURE 9B

index	data pointer table		
	data pointer	data offset	data length
10	0x0005_4000	0x0000_0000	0x0000_4000
11	0x0006_8000	0x0000_4000	0x0000_8000
12	0x0008_0000	0x0000_c000	0x0000_4000

FIGURE 9C

data out PDUs received from initiator:

pdu#	Target Transfer Tag	offset	length
1	0x0010_0123	0x0000_0000	0x0000_2000
2	0x0010_0123	0x0000_2000	0x0000_2000
3	0x0011_0123	0x0000_4000	0x0000_2000
4	0x0011_0123	0x0000_6000	0x0000_2000
5	0x0011_0123	0x0000_8000	0x0000_2000
6	0x0011_0123	0x0000_a000	0x0000_2000
7	0x0012_0123	0x0000_c000	0x0000_2000
8	0x0012_0123	0x0000_e000	0x0000_2000

FIGURE 9D